

AKAI

MODEL **DX-57**

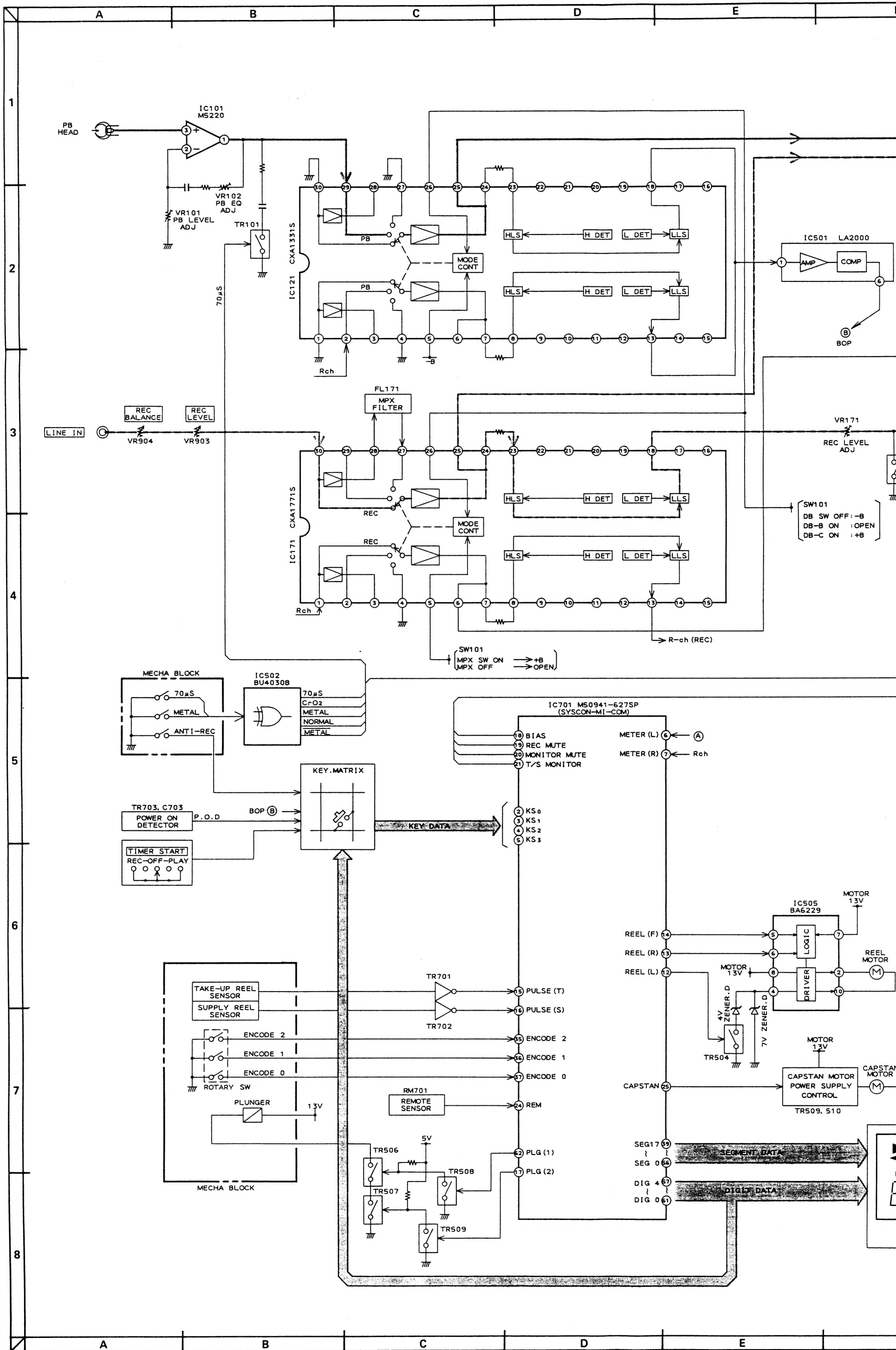
MODEL **GX-67**

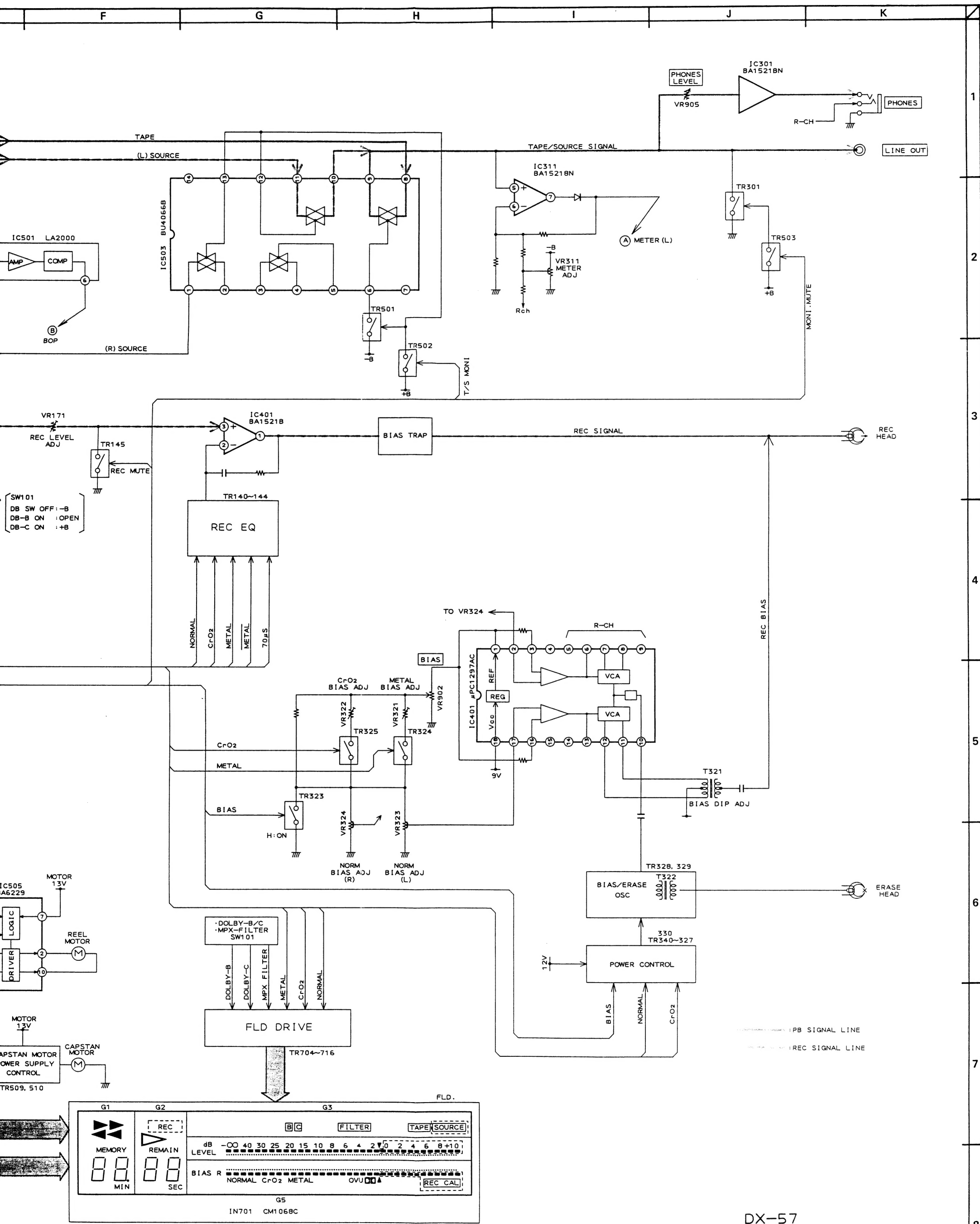
SCHEMATIC DIAGRAMS AND PC BOARDS

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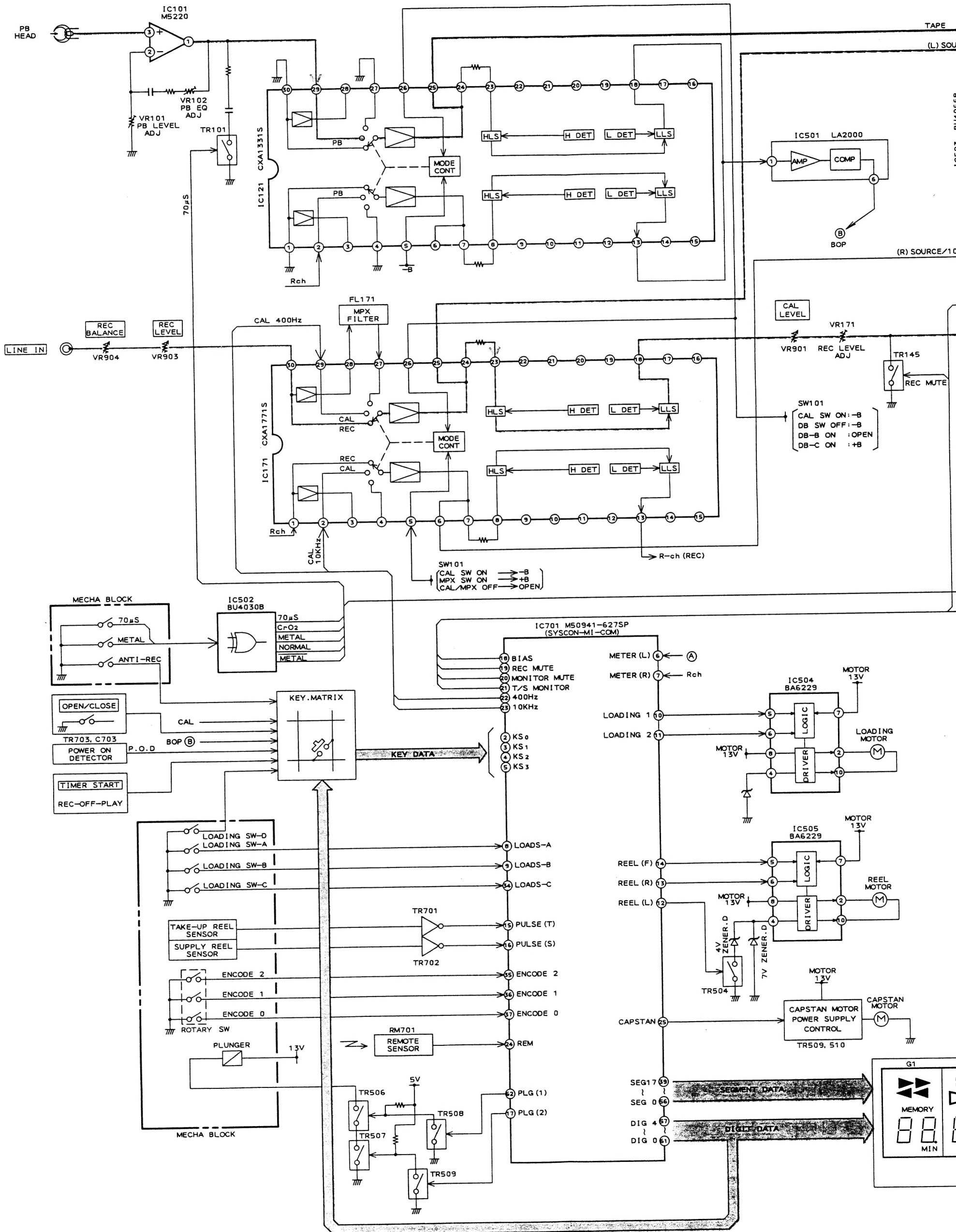
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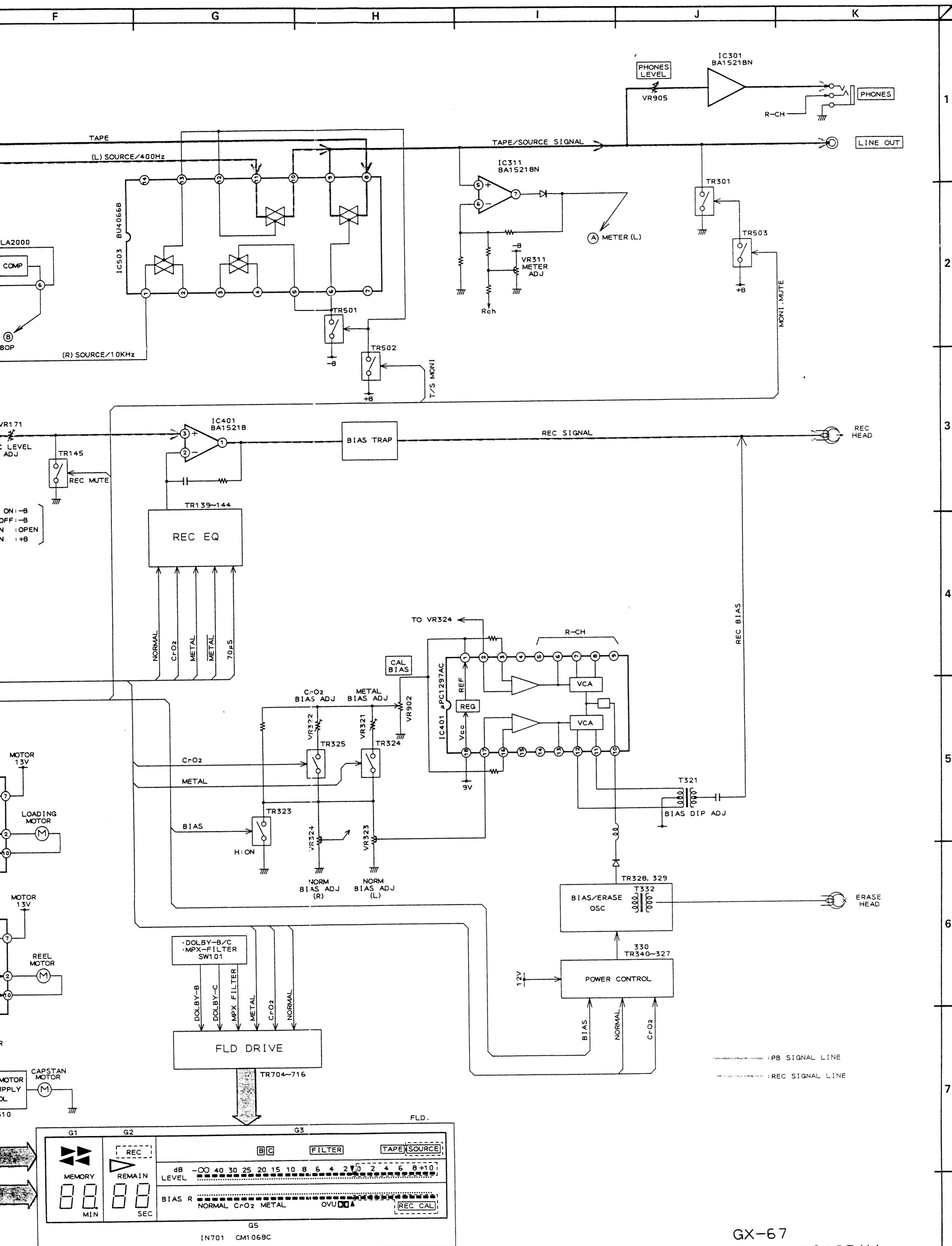
Use these schematic diagrams and PC boards together with the provided service manual.



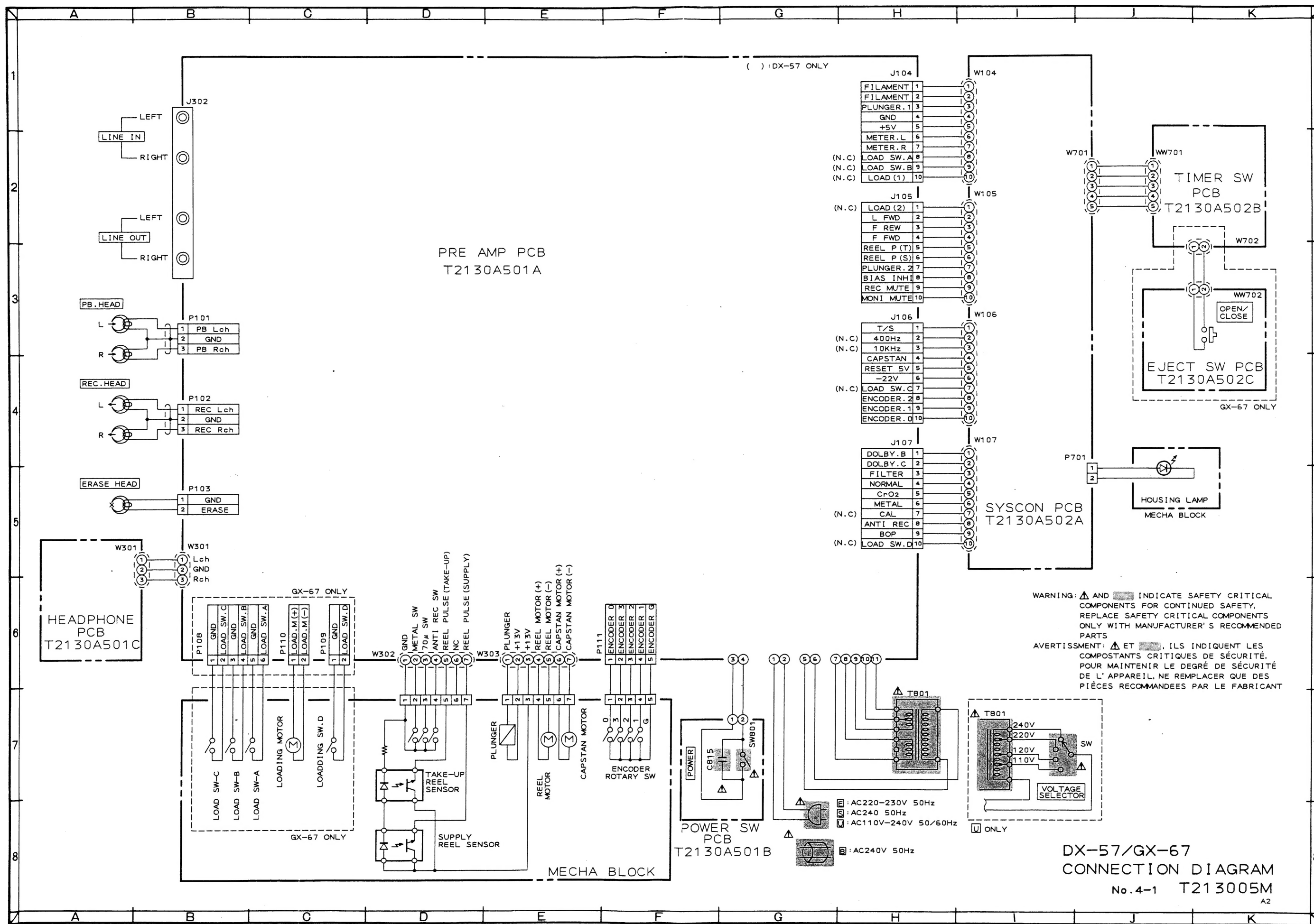


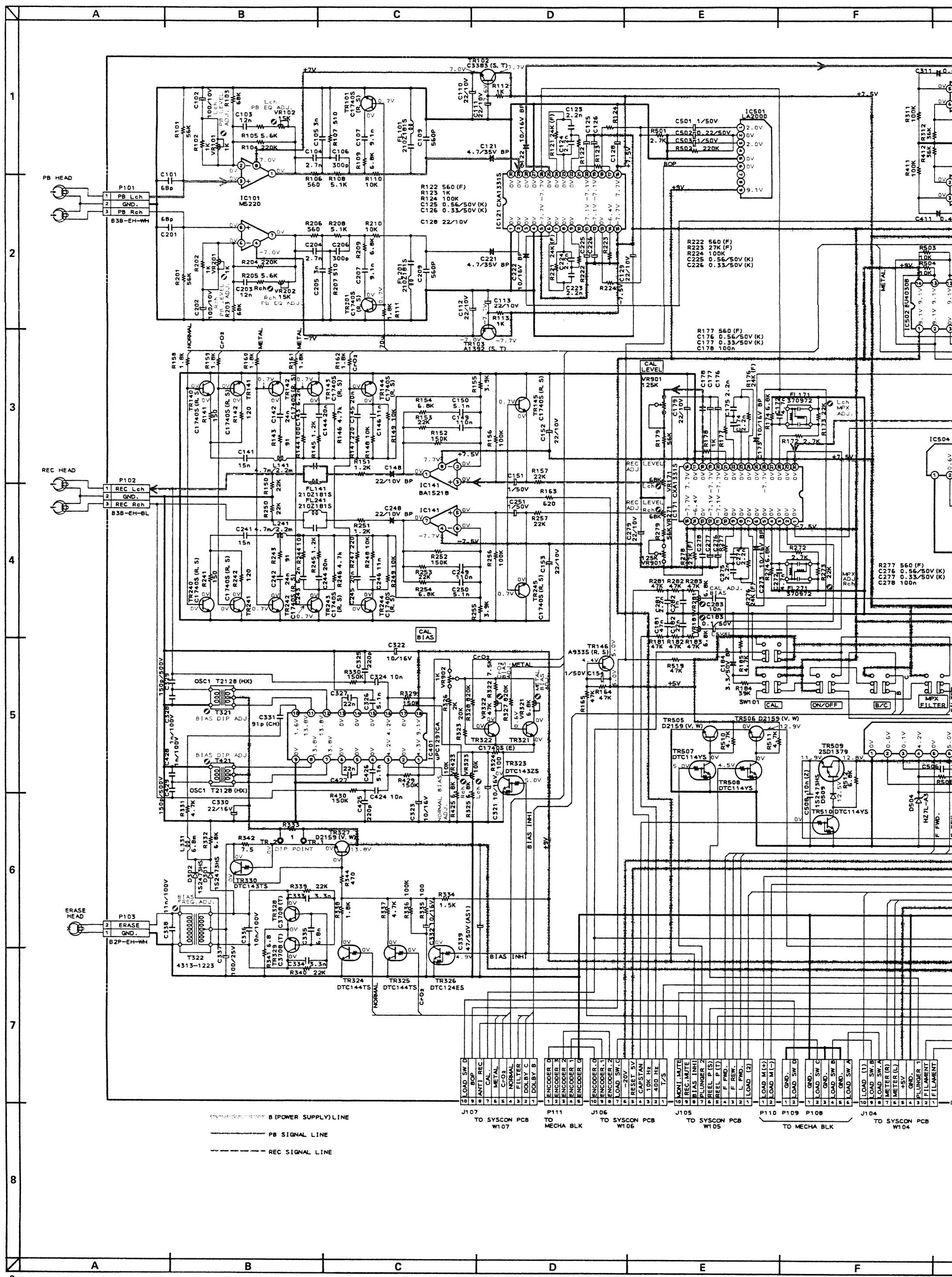
DX-57
BLOCK DIAGRAM
No.2-1 T213053M
A1

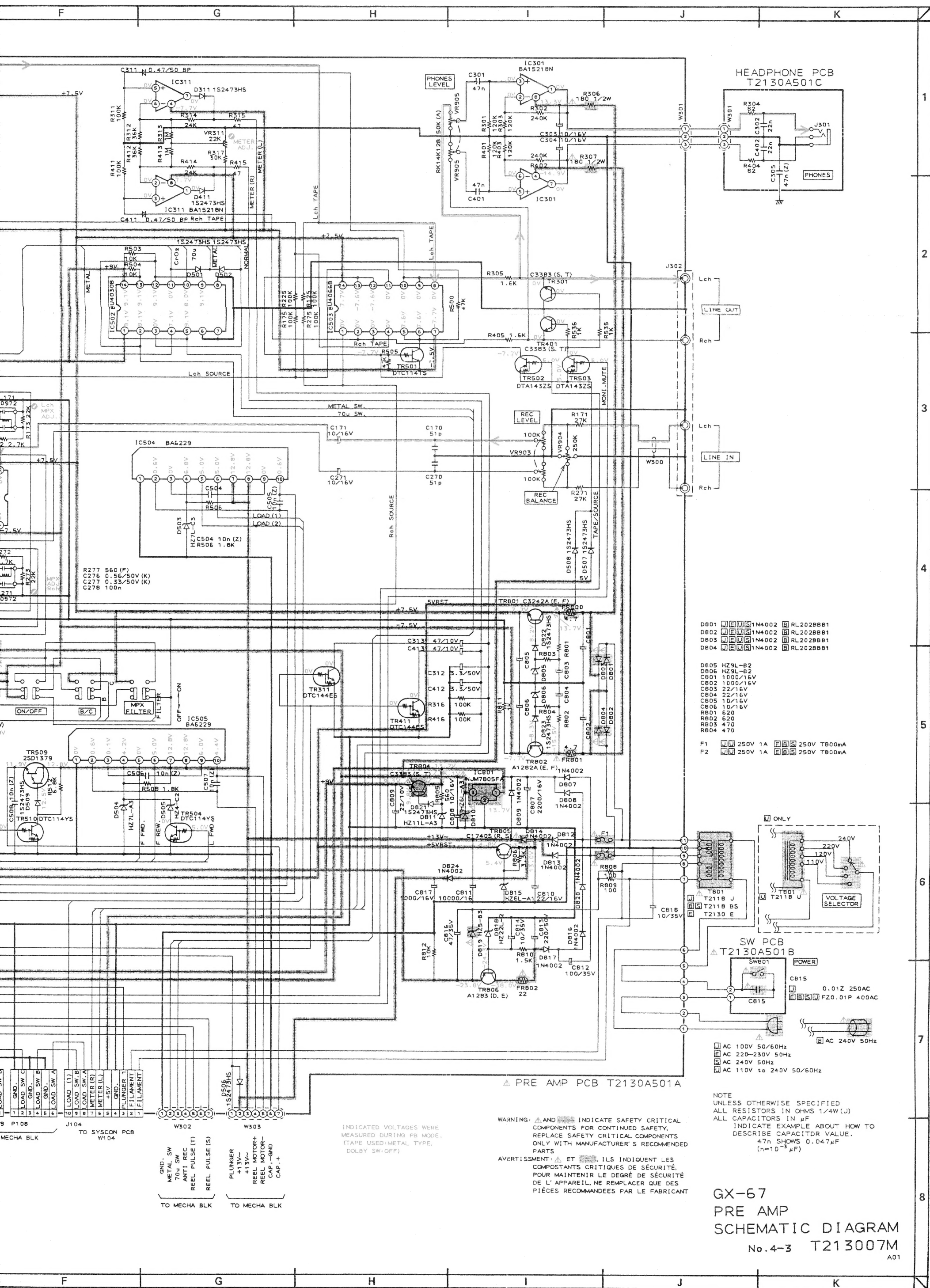




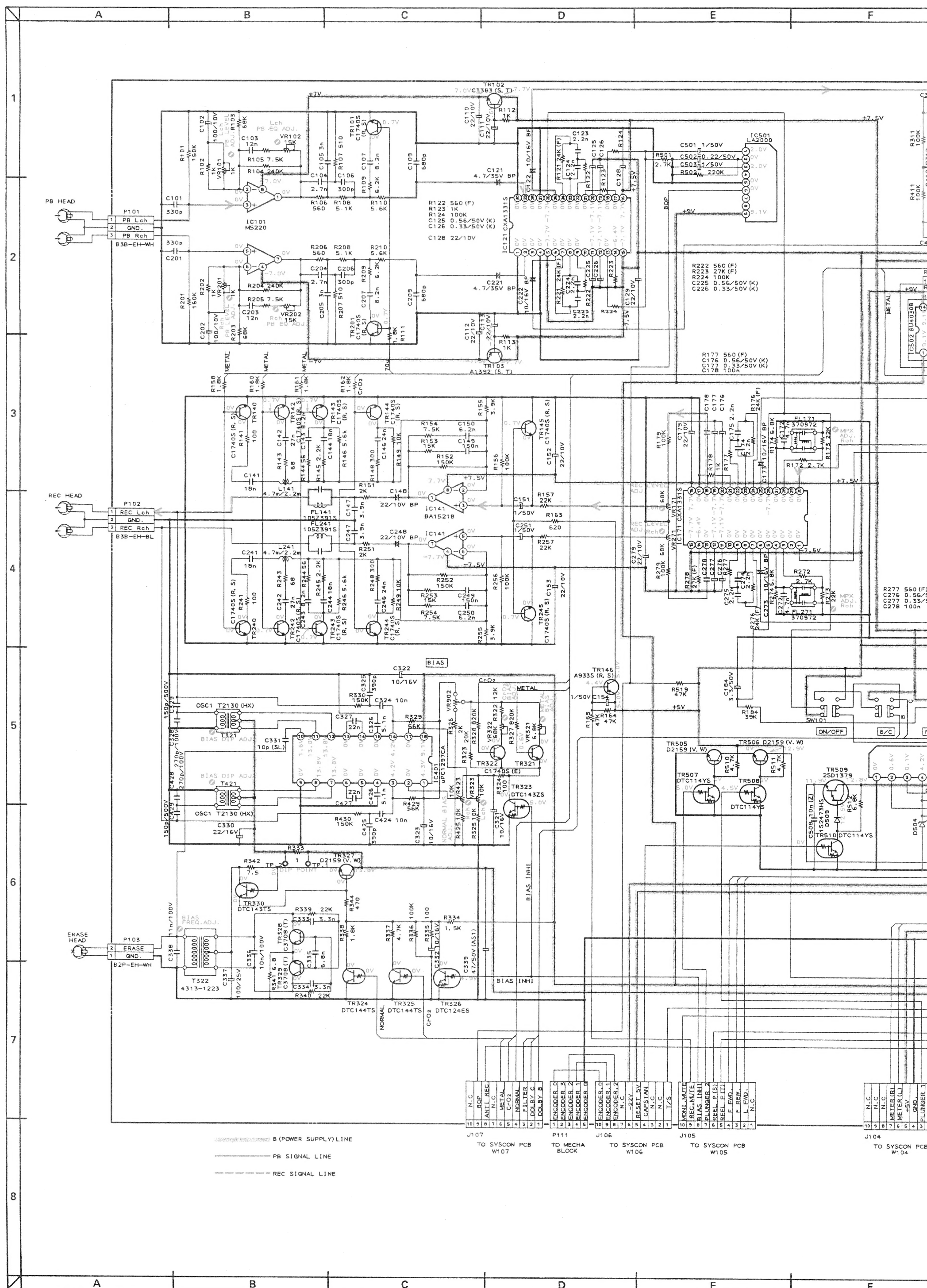
GX-67
BLOCK DIAGRAM
No. 2-2 T21 3052M
A1

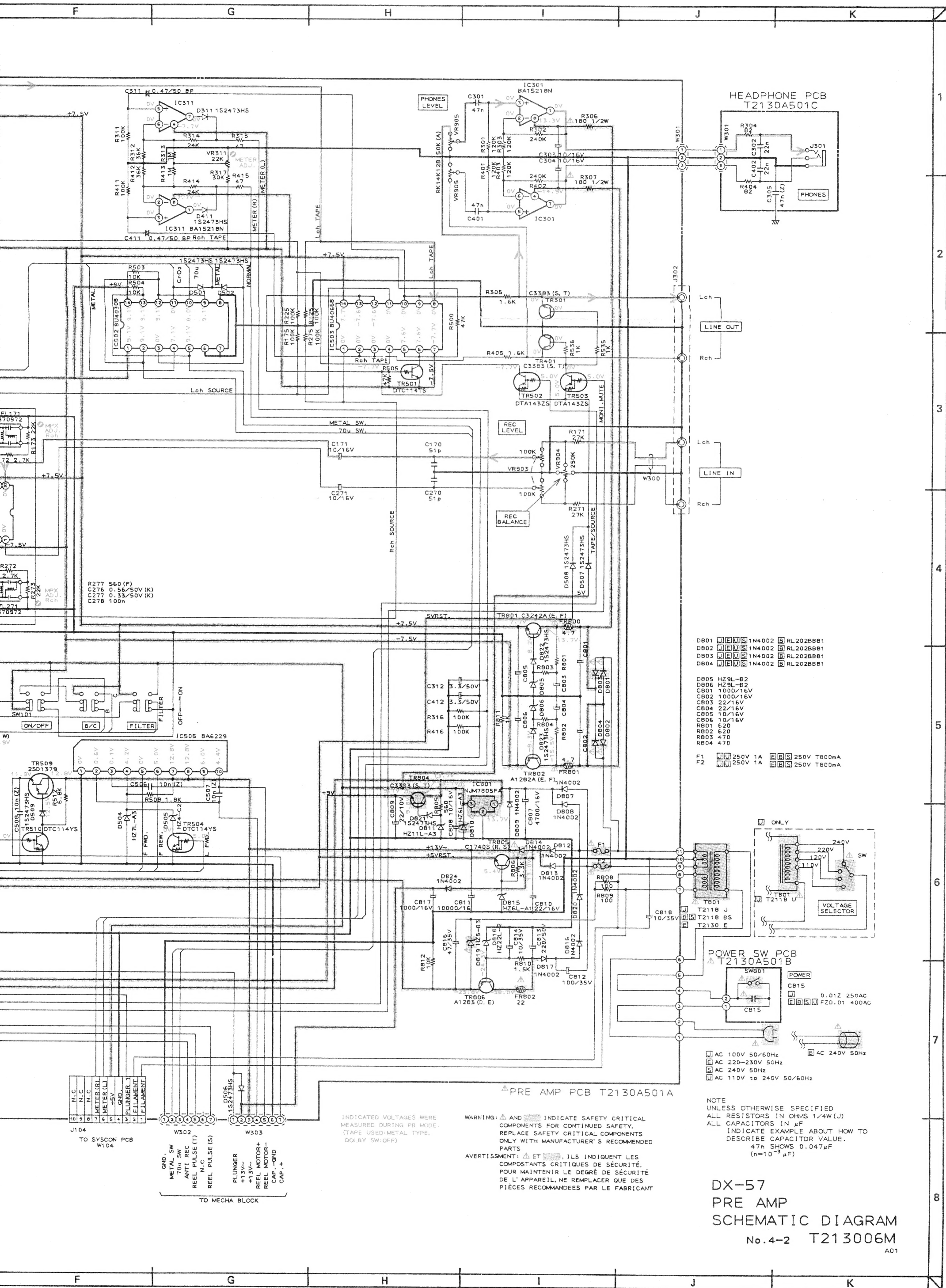


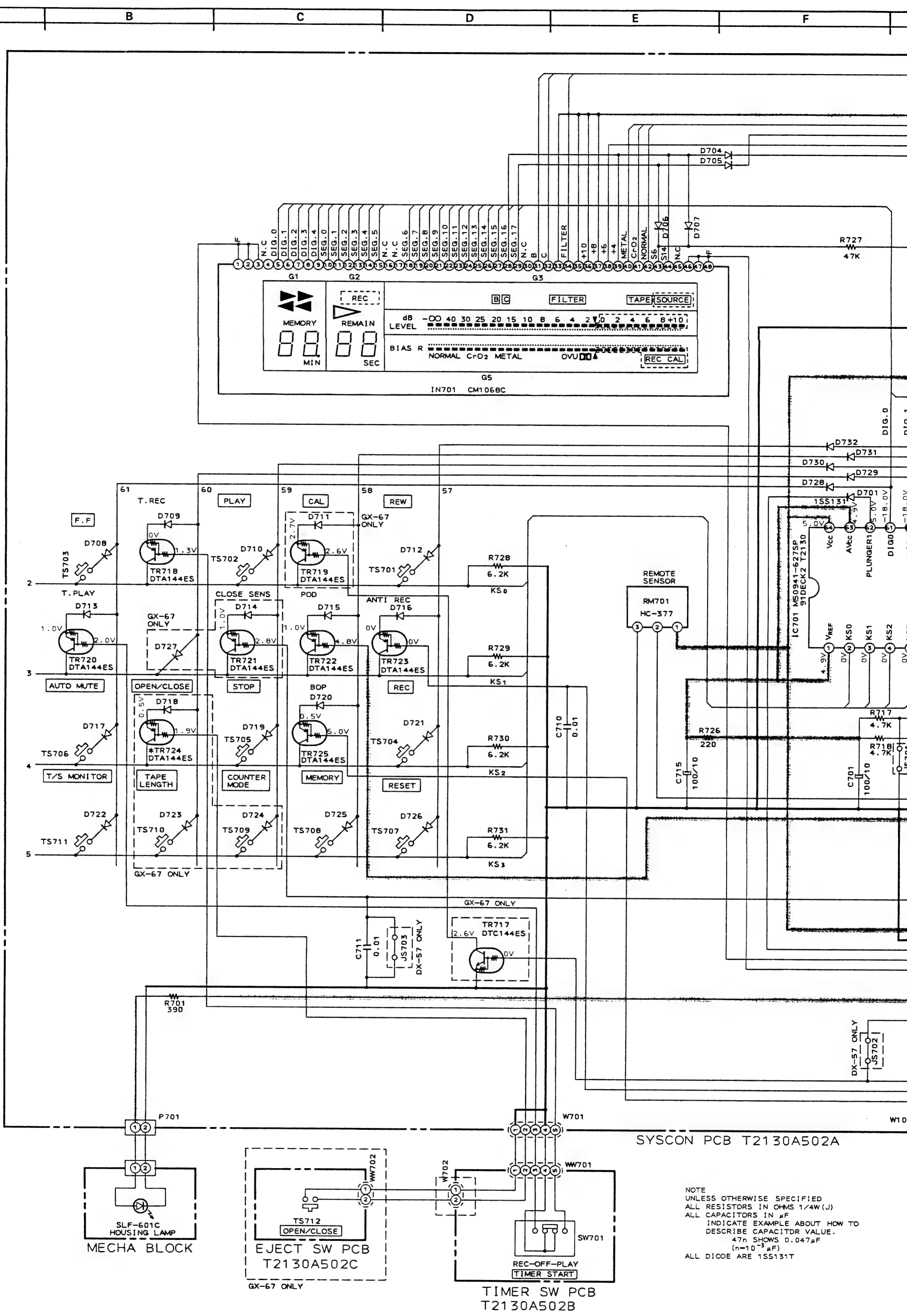




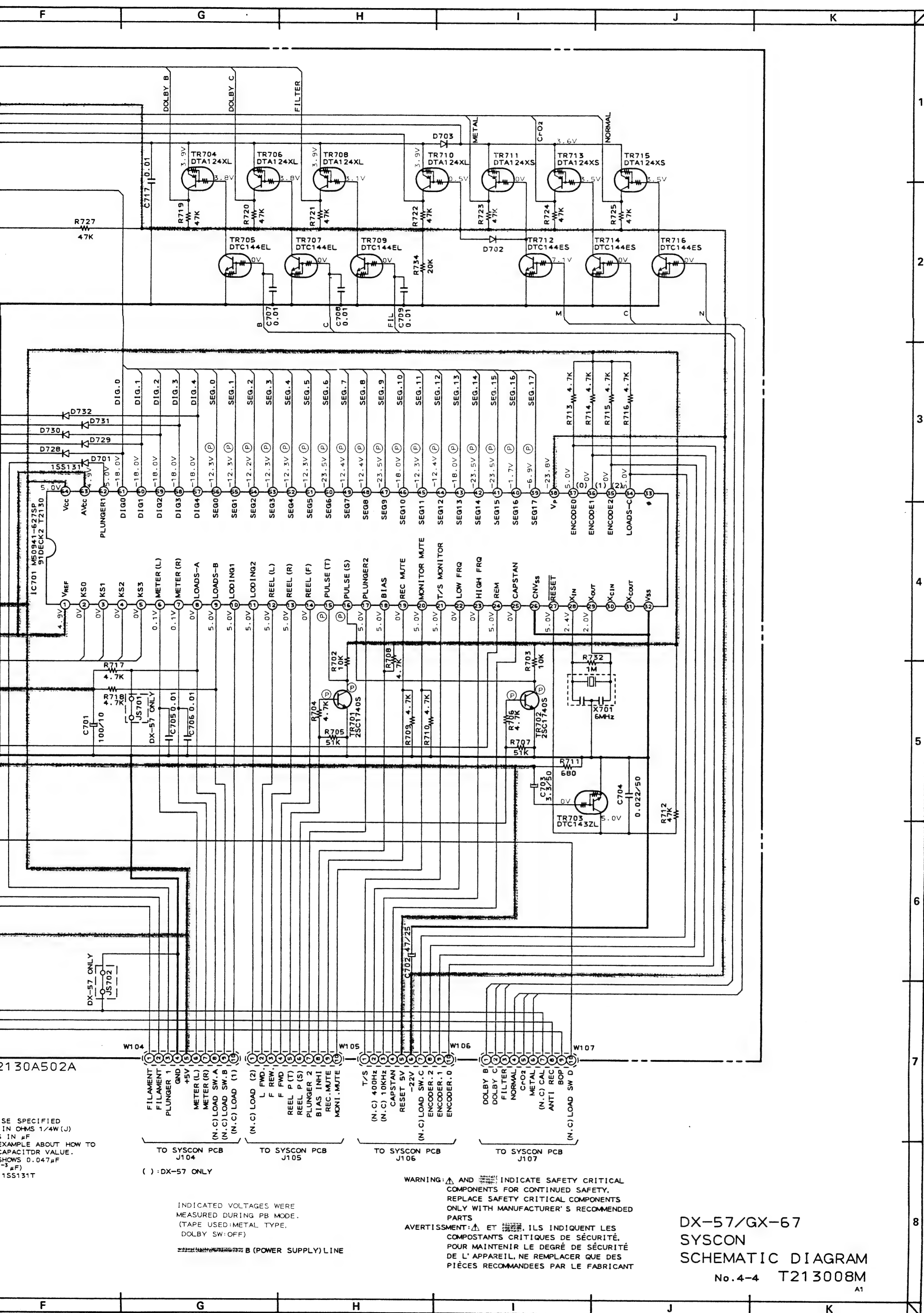
GX-67
PRE AMP
SCHEMATIC DIAGRAM
No.4-3 T213007M
A01







NOTE
UNLESS OTHERWISE SPECIFIED
ALL RESISTORS IN OHMS 1/4W(J)
ALL CAPACITORS IN μF
INDICATE EXAMPLE ABOUT HOW TO
DESCRIBE CAPACITOR VALUE.
47n SHOWS 0.047μF
(n=10⁻³ μF)
ALL DIODE ARE 1SS131T



PRINCIPAL PARTS LOCATION

ICS

IC101	E1,2
IC121	C1
IC141	C3
IC171	E3
IC301	G,H6
IC311	A,B3
IC401	C5
IC501	B1
IC502	F4
IC503	A2
IC504	F6
IC505	E6
IC801	B4

CONNECTORS

P101	E1,2
P102	C4
P103	D5
P108	G5,6
P109	G5
P110	F5
P111	G4
J104	F,G6
J105	F,G5
J106	F,G4,5
J107	F,G4
J302	A2,3

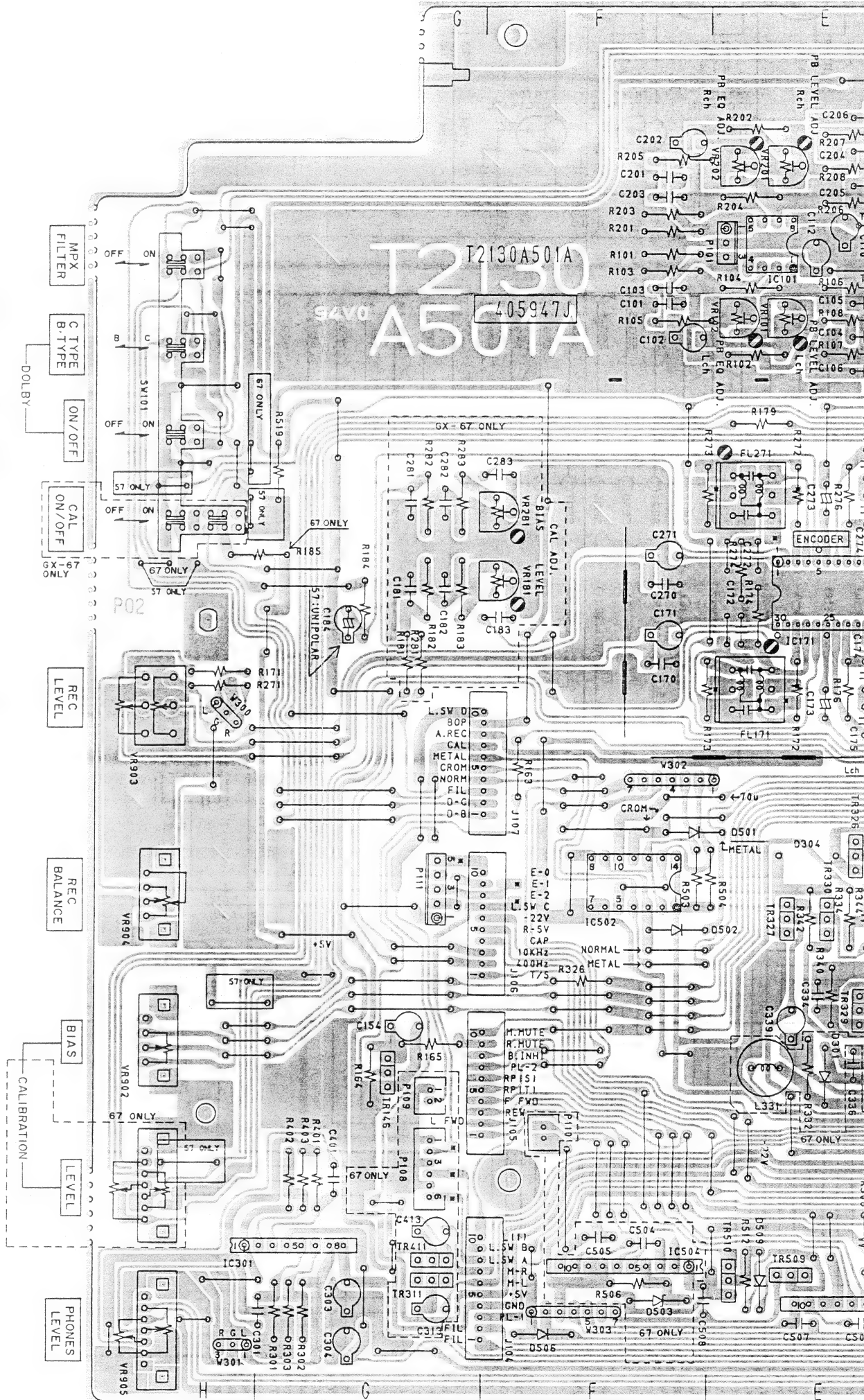
WIRES

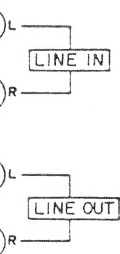
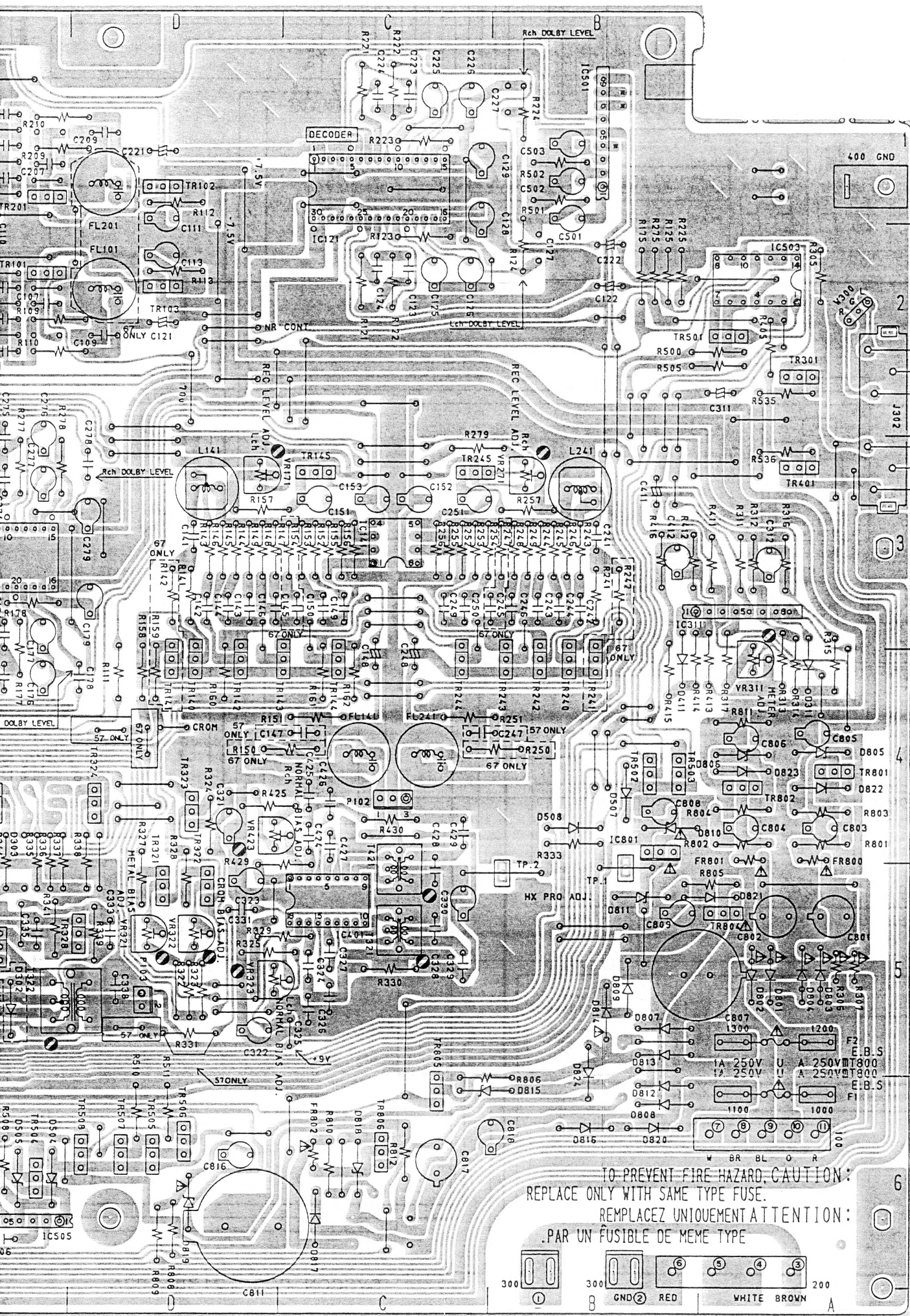
W300	A2,H4
W301	H6
W302	F4
W303	F6

TRANSISTORS

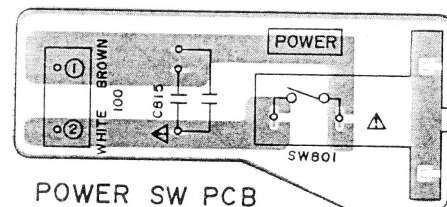
TR101	E2
TR102	D1
TR103	D2
TR140	D3,4
TR141	D3,4

TR142	D3,4
TR143	C3,4
TR144	C3,4
TR145	C3
TR146	G5
TR201	E1
TR240	B3,4
TR241	B3,4
TR242	B3,4
TR243	B3,4
TR244	C3,4
TR245	C3
TR301	A2
TR311	G6
TR321	D5
TR322	D5
TR323	D4
TR324	D4
TR325	E4
TR326	E4
TR327	E4,5
TR328	D5
TR329	E5
TR330	E4,5
TR401	A3
TR411	G6
TR501	A2
TR502	B4
TR503	B4
TR504	E6
TR505	D6
TR506	D6
TR507	D6
TR508	D6
TR509	E6
TR510	E6
TR801	A4
TR802	A4
TR804	A5
TR805	C6
TR806	C6



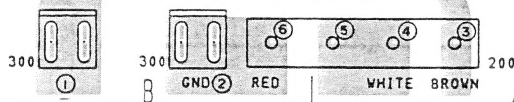


HEADPHONE PCB
T2130A501C



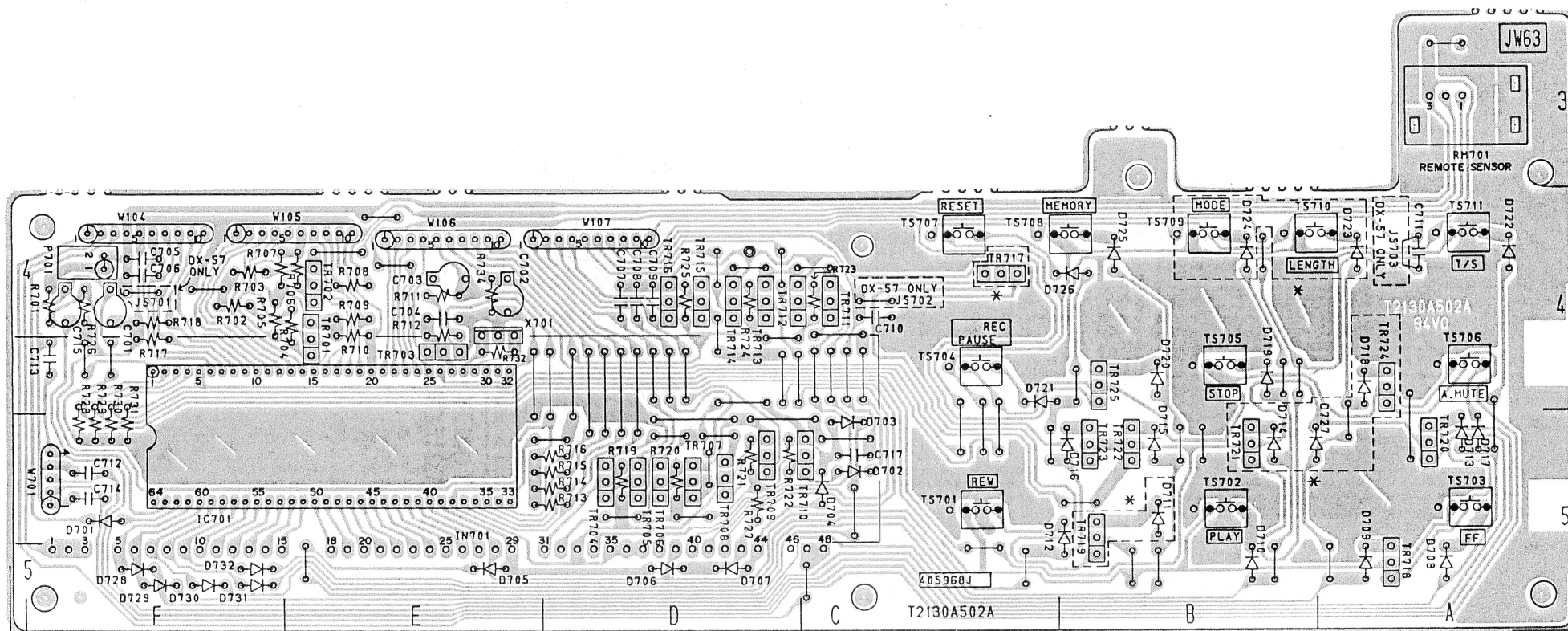
POWER SW PCB
T2130A501B

TO PREVENT FIRE HAZARD, CAUTION:
REPLACE ONLY WITH SAME TYPE FUSE.
REMPLEZ UNIQUEMENT ATTENTION:
PAR UN FUSIBLE DE MEME TYPE



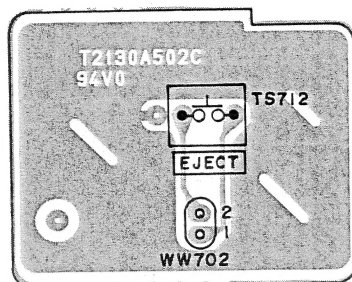
PRE AMP PCB T2130A501A J1

WARNING: Δ INDICATES SAFETY CRITICAL COMPONENTS. FOR CONTINUED SAFETY, REPLACE SAFETY CRITICAL COMPONENTS ONLY WITH MANUFACTURER'S RECOMMENDED PARTS.
AVERTISSEMENT: Δ IL INDIQUE LES COMPOSANTS CRITIQUES DE SECURITE. POUR MAINTENIR LE DEGRE DE SECURITE DE L'APPAREIL, NE REMPLACER QUE DES PIECES RECOMMANDEES PAR LE FABRICANT

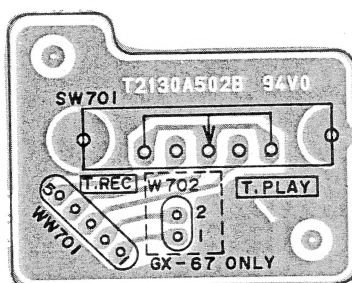


SYSCON PCB T2130A502A

* MARK ARE GX - 67 ONLY



EJECT SW PCB
T2130A502C
(GX-67 ONLY)



TIMER SW PCB
T2130A502B

ABBREVIATIONS (CASSETTE)

ABBREVIATION	EXPLANATION	ABBREVIATION	EXPLANATION
AC	Alternating Current	MIN	MINute
A/D	Analog/Digital	MML	Maximum Modulation Level
AF	Auto Fader	MOL	Maximum Output Level
AMP	AMPlifier	MPX	Multi PleX
AR	Anti Recording	NC	Not Connected (No Connection)
AT BIAS	Auto Turning BIAS	NFB	Negative Feed Back
ATT	ATTenuator	NORM	NORMal
BAL	BALance	NR	Noise Reduction
BEF	Band Elimination Filter	OSC	OSCillator (OSCillation)
BSS	Blank Search System	P	Pulse
CAP M	CAPstan Motor	PB	Play Back
CH	CHannel	QMSS	Quick Memory Search System
COMP	COMParator	QR	Quick Reverse
CONT	CONTinuanance	R CH	Right CHannel
CRLP	Computer Recording Level Processing	REC	RECOrd (RECOding)
CS	Chip Select	REV	REVERSE
D/A	Digital/Analog	ROT	ROTation
DC	Direct Current	REW	REWind
DET	DETECTOR	SEC	SECOnd
DISCRI	DISCRIminator	SELE	SELEctor
DUB	DUBbing	SENS	SENSitivity
EQ	EQUALizer	SEPP	Single Ended Push Pull
FF (or F.FWD)	Fast Forward	SIG	SIGnal
FLD	FLuorescent Display	SPECT	SPECTrum
FREQ	FREQuency	STD	STANdard
FWD	ForWarD	SW	SWitch
GND	GrouND	SYSCON	SYStem CONtrol
H	High	TP	Test Point
HPF	High Pass Filter	TRIG	TRIGa
IND	INDicator	VCA	Voltage Control Attenuator
IPLS	Instant Program Location System	VOL	VOLume
L	Low	VOLT	VOLTage
L CH	Left CHannel	VR	Variable Resistor
LED	Light Emitting Diode	X'TAL	cysTAL
MEMO	MEMOry	X1	Normal speed
MICOM	MicroCOMputer	X2	Dubble speed